



JENKINS & WILSON, P.A.

PATENT ATTORNEYS  
SUITE 1400 UNIVERSITY TOWER  
3100 TOWER BOULEVARD  
DURHAM, NORTH CAROLINA 27707

TELEPHONE (919) 493-8000  
FACSIMILE (919) 419-0383

WEBSITE  
JENKINSANDWILSON.COM

RALEIGH OFFICE

NCSU CENTENNIAL CAMPUS  
VENTURE II SUITE 400  
920 MAIN CAMPUS DRIVE  
RALEIGH, NORTH CAROLINA 27606

TELEPHONE (919) 424-3710  
FACSIMILE (919) 424-3711

RICHARD E. JENKINS  
JEFFREY L. WILSON  
ARLES A. TAYLOR, JR.  
JENNIFER L. SKORD  
DAVID P. GLOEKLER  
GREGORY A. HUNT  
JOHN A. LAMERDIN, PhD. (PATENT AGENT)  
DAVID P. STITZEL (PATENT AGENT)  
JULIE A. BROADUS, PhD. (PATENT AGENT)  
E. ERIC MILLS, P.E. (PATENT AGENT)

June 15, 2001

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner of Patents, Washington, D.C. on June 15, 2001

*April N. Williams*  
April N. Williams  
Date of Signature 6/15/01

Commissioner for Patents  
Washington, D.C. 20231

RECEIVED  
JUN 21 2001  
Technology Center 2600

Re: U.S. Patent Application Serial No. 09/443,712 for  
METHODS AND SYSTEMS FOR COMMUNICATING SIGNALING  
SYSTEM 7 (SS7) USER PART MESSAGES AMONG SS7  
SIGNALING POINTS (SPs) AND INTERNET PROTOCOL (IP)  
NODES USING SIGNAL TRANSFER POINTS (STPs)  
Our File No. 1322/8

Sir:

Please find enclosed in connection with the subject U.S. patent application the following documents:

1. A Supplemental Information Disclosure Statement (8 pages);
2. Form PTO/SB/08A (3 pages), in duplicate;
3. Form PTO/SB/08B (1 page), in duplicate;
4. Copies of three cited references; and
5. A return-receipt postcard to be returned to us with the U.S. Patent and Trademark Office filing stamp thereon.

Respectfully submitted,

JENKINS & WILSON, P.A.

*Gregory A. Hunt*  
Gregory A. Hunt  
Registration No. 41,085

GAH/anw  
Enclosures



I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231 on 6/15/01

April N. Williams  
Date of Signature 6/15/01

PATENT

RECEIVED

JUN 21 2001

Technology Center 2600

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Sprague et al.

Group Art Unit: 2742

Serial No. 09/443,712

Examiner: Not Assigned

Filed: November 19, 1999

Docket No.: 1322/8

For: METHODS AND SYSTEMS FOR COMMUNICATION SIGNALING SYSTEM 7 (SS7) USER PART MESSAGES AMONG SS7 SIGNALING POINTS AND INTERNET PROTOCOL (IP) NODES USING SIGNAL TRANSFER POINTS (STPs)

\*\*\*\*\*

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. 1.56, 1.97, and 1.98, applicants' undersigned attorney brings to the attention of the Patent and Trademark Office the following references. Copies of the cited references, Forms PTO/SB/08A and PTO/SB/08B are attached hereto. This is not to be construed as a representation that a search has been made or that a reference is relevant merely because cited.

\*U.S. Patent No. 6,236,722 to Gilbert et al. discloses a method and system for using PCAP signaling for improved call setup from a virtual switching point.

\*U.S. Patent No. 6,215,783 to Neyman discloses a private IP telephony backbone linking widely-distributed enterprise sites.

\*U.S. Patent No. 6,201,804 to Kikinis discloses a network telephony interface systems between data network telephony and plain old telephone service including CTI enhancement.

\*U.S. Patent No. 6,195,425 to Farris discloses a telecommunications system with wide area internetwork control.

\*U.S. Patent No. 6,157,710 to Figurski et al. discloses a method and system for distributing messages from a signal transfer point to a plurality of service control points.

\*U.S. Patent No. 6,137,874 to Brown et al. discloses a method of using carrier information for enhanced call data processing by a telecommunications provider.

\*U.S. Patent No. 6,137,869 to Voit et al. discloses network session management.

\*U.S. Patent No. 6,134,246 to Cai et al. discloses inverse multiplexing within asynchronous transfer mode communication networks.

\*U.S. Patent No. 6,128,379 to Smyk discloses intelligent data peripheral systems and methods.

\*U.S. Patent No. H1,896 to Hoffpauir et al. discloses a network management system server and method for operation.

\*U.S. Patent No. H1,880 to Vines et al. discloses a system and method for processing wireless voice and data telecommunications.

\*U.S. Patent No. 6,125,177 to Whittaker discloses a telephone communications network with enhanced signaling and call routing.

\*U.S. Patent No. 6,125,111 to Snow et al. discloses architecture for a modular communications switching system.

\*U.S. Patent No. 6,122,365 to Yegoshin discloses a method and apparatus for load-balancing of call processing between multiple call-destination sites and routing of calls by way of call-destination sites control.

\*U.S. Patent No. 6,122,263 to Dahlin et al. discloses internet access for cellular networks.

\*U.S. Patent No. 6,122,255 to Bartholomew et al. discloses an internet telephone service with mediation.

\*U.S. Patent No. 6,119,160 to Zhang et al. discloses multiple-level internet protocol accounting.

\*U.S. Patent No. 6,118,779 to Madonna discloses an apparatus and method for interfacing processing resources to a telecommunications switching system.

\*U.S. Patent No. 6,115,383 to Bell et al. discloses a system and method of message distribution in a telecommunications network.

\*U.S. Patent No. 6,112,090 to Valentine discloses a system and method for forwarding calling party information.

\*U.S. Patent No. 6,111,893 to Volftsun et al. discloses universal protocol conversion.

\*U.S. Patent No. 6,111,870 to Kurtz discloses a method and apparatus for compressing and transmitting high speed data.

\*U.S. Patent No. 6,097,805 to Figurski et al. discloses a method and system for distributing messages from a signal transfer point to a plurality of service control points.

\*U.S. Patent No. 6,097,719 to Benash et al. discloses a public IP transport network.

\*U.S. Patent No. 6,094,437 to Loehndorf, Jr. et al. discloses a layer two tunneling protocol (L2TP) merging and management.

\*U.S. Patent No. 6,079,036 to Moharram discloses call message with traveling log for testing intelligent telecommunications network.

\*U.S. Patent No. 6,078,582 to Curry et al. discloses an internet long distance telephone service.

\*U.S. Patent No. 6,075,783 to Voit discloses internet phone to PSTN cellular/PCS system.

\*U.S. Patent No. 6,069,890 to White et al. discloses an internet telephone service.

\*U.S. Patent No. 6,067,546 to Lund discloses a method and system for providing computer-network related information about a calling party.

\*U.S. Patent No. 6,064,653 to Farris discloses an internetwork gateway to gateway alternative communication.

\*U.S. Patent No. 6,055,202 to Merritt discloses a multi-bank architecture for a wide I/O DRAM.

\*U.S. Patent No. 6,047,005 to Sherman et al. discloses virtual bearer channel platform for processing service requests received in the form of channel data.

\*U.S. Patent No. 6,026,091 to Christie et al. discloses an ATM gateway system.

\*U.S. Patent No. 6,023,502 to Bouanaka et al. discloses a method and apparatus for providing telephone billing and authentication over a computer network.

\*U.S. Patent No. 6,021,126 to White et al. discloses telecommunication number portability.

\*U.S. Patent No. 6,018,515 to Sorber discloses message buffering for prioritized message transmission and congestion management.

\*U.S. Patent No. 6,011,794 to Mordowitz et al. discloses an internet based telephone apparatus and method.

\*U.S. Patent No. 6,011,780 to Vaman et al. discloses a transparent non-disruptable ATM network.

\*U.S. Patent No. 6,006,098 to Rathnasabapathy et al. discloses a system and method for application location register routing in a telecommunications network.

\*U.S. Patent No. 5,995,608 to Detampel, Jr. et al. discloses a method and apparatus for on-demand teleconferencing.

\*U.S. Patent No. 5,991,301 to Christie discloses a broadband telecommunications system.

\*U.S. Patent No. 5,958,016 to Chang et al. discloses internet-web link for access to intelligent network service control.

\*U.S. Patent No. 5,949,871 to Kabay et al. discloses a method and apparatus for providing a service in a switched telecommunications system wherein a control message is altered by a receiving party.

\*U.S. Patent No. 5,940,598 to Strauss et al. discloses a telecommunications network to internetwork universal server.

\*U.S. Patent No. 5,926,482 to Christie et al. discloses a telecommunications apparatus, system, and method with an enhanced signal transfer point.

\*U.S. Patent No. 5,920,562 to Christe, deceased, et al. discloses systems and methods for providing enhanced services for telecommunication call.

\*U.S. Patent No. 5,889,954 to Gessell et al. discloses a network manager providing advanced interconnection capability.

\*U.S. Patent No. 5,878,129 to Figurski et al. discloses a method and system for distributing messages from a signal transfer point to a plurality of service control points.

\*U.S. Patent No. 5,761,500 to Gallant et al. discloses a multi-site data communications network database partitioned by network elements.

\*U.S. Patent No. 5,701,301 to Weisser, Jr. discloses mediation of open advanced intelligent network in SS7 protocol open access environment.

\*U.S. Patent No. 5,675,635 to Vos et al. discloses a system and method for conducting poll at a processor associated with the originating switch.

\*U.S. Patent No. 5,008,929 to Olsen et al. discloses a billing system for telephone signaling network.

International Patent Publication No. WO/0056032 to Costa et al. discloses telecommunications signaling using the internet protocol.

\*International Patent Publication No. WO/0033519 to Simon discloses an improved signaling system for telecommunications.

\*International Patent Publication No. WO/0031933 to Elliott et al. discloses a voice over data telecommunications network architecture.

\*International Patent Publication No. WO/0030369 to Graf et al. discloses security in telecommunications network gateways.

\*International Patent Publication No. WO/0022840 to Huopaniemi et al. discloses a method and system for forming a telecommunication connection.

\*International Patent Publication No. WO/9711563 to Christie et al. discloses a telecommunications apparatus, system and method with an enhanced signal transfer point.

\*Publication by O'shea entitled "Mating Season," Telephony, pp.10-11 (September 20, 1999).

Publication by Lakshmi-Ratan entitled "The Lucent Technologies Softswitch-Realizing the Promise of Convergence," Bell Labs Technical Journal, pp. 174-195 (April-June 1999).

Publication by Hamdi et al. entitled "Voice Service Interworking for PSTN and IP Networks," IEEE Communications Magazine, pp. 104-111 (May 1999).

\*Publication by O'shea entitled "The Network that's Never Done," Telephony, pp. 38-43 (September 15, 1997).

\*Publication by Snyder entitled "Rerouting Internet Traffic Jams," Telephony, p. 12 (November 11, 1996).

\*Publication by Snyder entitled "Branded with Optics," Telephony, pp. 49-50 (July 22, 1996).

\*Publication by Anonymous entitled "Around the Loop," Telephony, p. 26 (July 22, 1996).

\*Publication by Zaharychuk et al. entitled "Gateway Signal Transfer Points: Design, Services and Benefits," IEEE, pp. 223.2.1-223.2.8 (1990).

\*Publication by Bootman et al. entitled "Generic Building Blocks for the Telecommunications Management Network," IEEE, pp. 6.1.1-6.1.5 (1988).

\*Publication by Bootman entitled "Intelligent Network Services Using a Service Switching Node," IEEE, pp. 40.7.1-40.2.4 (1988).

\*Publication by Buckles entitled "Very High Capacity Signaling Transfer Point For Intelligent Network Services," IEEE, pp. 40.2.1-40.2.4 (1988).

The examiner's attention is further directed to the commonly-assigned co-pending U.S. patent applications listed in the following table. Pursuant to 37 C.F.R. §1.98(b)(3), each of the commonly-assigned, co-pending U.S. Patent Applications are identified by inventor, application number, and filing date.

Inventor(s)	Application Number	Filing Date
Paul A. Miller, Venkataramaiah	*09/205,809	December 4, 1998

Inventor(s)	Application Number	Filing Date
Ravishankar, David M. Sprague Dan A. Brendes		
Paul A. Miller, Robby D. Benedyk, Venkataramaiah Ravishankar, Peter J. Marsico	*09/537,835	March 29, 2000
David M. Sprague, Dan A. Brendes, Venkataramaiah Ravishankar, Paul A. Miller	*09/443,712	November 19, 1999
Paul A. Miller, Venkataramaiah Ravishankar	*09/541,853	April 5, 2000
Paul A. Miller, Venkataramaiah Ravishankar, Peter J. Marsico	*09/559,767	April 27, 2000
Robby D. Benedyk, David M. Sprague, Dan Alan Brendes	*09/588,852	June 6, 2000
Robby D. Benedyk, Dan A. Brendes, David M. Sprague, Mark E. Davidson, Peter J. Marsico	*09/839,394	April 20, 2001
Robert J. Tinsley, Peter J. Marsico, David M.	*09/618,807	July 28, 2000



Inventor(s)	Application Number	Filing Date
Sprague		
Dan A. Brendes, Joseph W. Keller, Seetharaman Khadri	*09/770,316	January 26, 2001
Robert J. Tinsley, Peter J. Marsico, Lee B. Smith, Virgil E. Long, Gregory A. Hunt	*09/768,881	January 24, 2001
Robby D. Benedyk, Cory A. Grant, Peter J. Marsico, John R. Mason	*09/735,142	December 12, 2000

\* Pursuant to 37 C.F.R. §1.98(d)(1), a copy of the identified co-pending U.S. patent application or reference is not attached hereto because a copy was provided in commonly-assigned co-pending U.S. patent application number 09/205,809, which is relied upon for an earlier effective filing date under 35 U.S.C. §120.

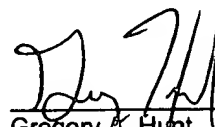
Early passage of the subject application to issue is earnestly solicited.

Respectfully submitted,

JENKINS & WILSON, P.A.

Date: 6/15/01

By:

  
Gregory A. Hunt  
Registration No. 41,085

Suite 1400 University Tower  
3100 Tower Boulevard  
Durham, North Carolina 27707  
Telephone: (919) 493-8000  
Facsimile: (919) 419-0383

1322/8 GAH/anw

Enclosures